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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/669,797	09/25/2003	Masahiro Nakashika	008312-0306106	8166
909	7590	03/21/2006	EXAMINER	
PILLSBURY WINTHROP SHAW PITTMAN, LLP			KRAVETS, LEONID	
P.O. BOX 10500			ART UNIT	
MCLEAN, VA 22102			PAPER NUMBER	

2189

DATE MAILED: 03/21/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	10/669,797	NAKASHIKA, MASAHIRO	
	Examiner	Art Unit	
	Leonid Kravets	2189	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 25 September 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-5 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-5 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 25 September 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>3 IDS</u> . | 6) <input type="checkbox"/> Other: _____ |

Priority

1. Acknowledgment is made of the claim for foreign priority to Japanese application 2002-288911, filed 10/1/2002

Information Disclosure Statement

2. Acknowledgment is made of the information disclosure statements received 9/25/2003, 4/4/2005 and 9/7/2005

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 1-3 are rejected under 35 U.S.C. 103(a) as being unpatentable over Carter (US Pub No 2002/0194309), and further in view of Toshiharu (Japanese Pub No 2000-311469)

As per claim 1, Carter discloses an information recording/reproduction apparatus comprising:

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a first recording/reproduction unit configured to record information on a built-in first information recording medium, reproduce information recorded on the first information recording medium, and delete information recorded on the first information recording medium (Paragraph 13, Paragraph 14, Lines 11-13);

a second recording/reproduction unit configured to record information on a detachable second information recording medium, and reproduce information recorded on the second information recording medium [portable digital multimedia device (Paragraph 27, Lines 3-4)];

a recording control unit configured to control the first recording/reproduction unit to record a library information file, which contains a plurality of pieces of library information corresponding to a plurality of pieces of contents information recorded on the first and second information recording media, on the first information recording medium (Paragraph 27); and

Carter discloses deleting viewed files, however he does not disclose a deletion control unit configured to control the first recording/reproduction unit to execute a process for deleting all pieces of library information contained in the library information file recorded on the first information recording medium, and a process for deleting all pieces of contents information recorded on the first information recording medium.

Toshiharu discloses a deletion control unit configured to control the first recording/reproduction unit to execute a process for deleting all pieces of library information contained in the library information file recorded on the first information recording medium, and a process for deleting all pieces of contents

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information recorded on the first information recording medium (Paragraph 37, all).

As per claim 2, Carter discloses an information recording/reproduction apparatus comprising:

a first recording/reproduction unit configured to record information on a built-in first information recording medium, reproduce information recorded on the first information recording medium, and delete information recorded on the first information recording medium (Paragraph 13, Paragraph 14, Lines 11-13);

a second recording/reproduction unit configured to record information on a detachable second information recording medium, and reproduce information recorded on the second information recording medium [portable digital multimedia device (Paragraph 27, Lines 3-4)];

a recording control unit configured to control the first recording/reproduction unit to record a library information file, which contains a plurality of pieces of library information corresponding to a plurality of pieces of contents information recorded on the first and second information recording media, on the first information recording medium (Paragraph 16, Lines 1-7); and

Carter does not disclose a deletion control unit configured to control the first recording/reproduction unit to execute a process for deleting only all pieces of contents information recorded on the first information recording medium.

Toshiharu discloses a deletion control unit configured to control the first recording/reproduction unit to execute a process for deleting only all pieces of

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contents information recorded on the first information recording medium

(Paragraph 37).

As per claim 3, Carter and Toshiharu disclose an apparatus according to claim 2, wherein the deletion control unit controls the first recording/reproduction unit to delete a plurality of pieces of library information corresponding to a plurality of pieces of deleted contents information of the plurality of library information contained in the library information file upon deleting all pieces of contents information recorded on the first information recording medium [The library of Carter would synchronize to the storage device, thus deleting the library information from the file (Paragraph 16)].

It would have been obvious to one having ordinary skill in the art at the time the invention was made to incorporate the deleting all content of Toshahiro into the system of Carter, since Toshahiro and Carter form the same field of endeavor, namely content management and this would allow for removing all data on the disk without having to do so file by file (Paragraph 37).

5. Claims 4-5 are rejected under 35 U.S.C. 103(a) as being unpatentable over Carter and further in view of Wipe-O-Mat.

As per claim 4, Carter discloses an information recording/reproduction apparatus comprising:

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a first recording/reproduction unit configured to record information on a built-in first information recording medium, reproduce information recorded on the first information recording medium, and delete information recorded on the first information recording medium (Paragraph 13, Paragraph 14, Lines 11-13);

a second recording/reproduction unit configured to record information on a detachable second information recording medium, and reproduce information recorded on the second information recording medium [portable digital multimedia device (Paragraph 27, Lines 3-4)];

a recording control unit configured to control the first recording/reproduction unit to record a library information file, which contains a plurality of pieces of library information corresponding to a plurality of pieces of contents information recorded on the first and second information recording media, on the first information recording medium (Paragraph 16, Lines 1-7); and

Carter does not disclose a deletion control unit configured to execute an all deletion mode for controlling the first recording/reproduction unit to delete all pieces of library information contained in the library information file recorded on the first information recording medium

Wipe-O-Mat discloses a deletion control unit configured to execute an all deletion mode for controlling the first recording/reproduction unit to delete all pieces of library information contained in the library information file recorded on the first information recording medium (See section titled "About").

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It would have been obvious to one having ordinary skill in the art at the time the invention was made to incorporate the deleting of library information of Wipe-O-Mat into the system of Carter, since Carter and Wipe-O-Mat form the same field of endeavor, namely multimedia library management and this would allow for quickly removing large numbers of tracks from the library (See section titled "About").

As per claim 5, Carter and Wipe-O-Mat disclose an apparatus according to claim 4, wherein the deletion control unit executes a partial deletion mode for controlling the first recording/reproduction unit to delete only library information corresponding to contents information recorded on the second information recording medium of the plurality of library information contained in the library information file recorded on the first information recording medium, independently of execution of the all deletion mode [The first device will synchronize to the removable device, thus if files are removed from the second device they will be removed from the master database, Carter provides the example wherein the master server synchronizes with the digital multimedia player (Paragraph 32, Lines 1-5; Paragraph 35)].

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Conclusion

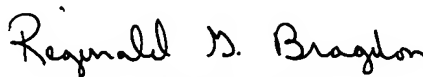
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Leonid Kravets whose telephone number is 571-272-2706. The examiner can normally be reached on Mon-Fri 8-430.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Reginald Bragdon can be reached on 571-272-4204. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Leonid Kravets
Patent Examiner
Art Unit 2189


REGINALD B. BRAGDON
SUPERVISOR

March 14, 2006